



**Category:** Monoclonal Antibodies  
**Product Name:** Mouse Monoclonal Antibody to CD33

**Catalog Number:** MAB-606020263

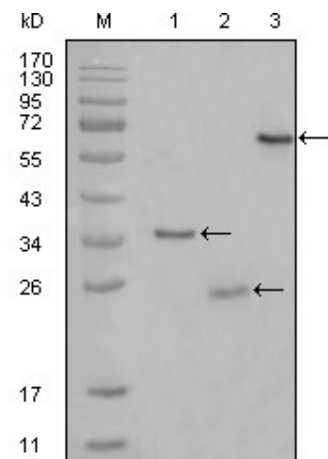


Figure 1: Western blot analysis using CD33 mouse mAb against truncated Trx-CD33 recombinant protein (1), truncated CD33 (aa48-258)-His recombinant protein (2) and truncated CD33 (aa18-259)-hIgGFc transfected CHO-K1 cell lysate (3).

**Lot#:**  
**Clone#:** 2B7C12  
**Host and isotype:** Mouse IgG1  
**Size:** 0.1ml  
**MW:**  
**Aliases:** p67; SIGLEC3  
**Entrez Gene:** 945  
**Species reactivity:** Human

**Description** CD33 is found on granulocyte and macrophage precursors in the bone marrow, but is not on pluripotent stem cells. The protein is also expressed on, and is a useful marker for, peripheral monocytes. It is also useful for distinguishing myelogenous leukaemia cells from lymphoid or erythroid leukaemias.

**Immunogen** Purified recombinant fragment of CD33 (48-258) expressed in E. Coli.

**Application** Western Blotting: 1/500 - 1/2000.  
ELISA: Propose dilution 1/10000.  
Not yet tested in other applications.  
Determining optimal working dilutions by titration test.

**Formulation** Ascitic fluid containing 0.03% sodium azide.

**Storage** Store at 4°C, for long term storage, store at -20°C.

#### Related product

**References** 1. Exp Hematol. 2005 Feb;33(2):199-211.  
2. Cancer. 2008 Feb 1;112(3):572-80.

**For Research Use Only**

**Contact:** Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: [Info@antageneinc.com](mailto:Info@antageneinc.com)